

Appln No. 09/826,202  
Amdt. Dated February 17, 2005  
Reply to Office Communication of 01/25/05  
Docket No. 14XZ101/GEM-0085

### Remarks/Arguments

#### Status of the Application:

##### Status of the Claims:

Claims 1 to 60 are pending in the application. Claims 2 to 7 are rejected under 35 USC 112, second paragraph; and claims 1 to 60 are rejected under 35 USC 112, first paragraph.

The applicant expresses his appreciation for the favorable comments made in the Office communication of 01/25/2005 and the confirming advice providing in the telephone conversation of 02/11/2005 of an amendment that will place the application into condition for allowance.

The applicant requests entry of this amendment as it places the application in condition for allowance or in the alternative entry for purposes of appeal.

Claim 2 has been amended to provide antecedent basis for the term "source" and the term has been deleted. Accordingly, the rejection under 35 USC 112, second paragraph has been overcome. Therefore, claim 2 and claims 3 to 7 dependent thereon are now considered allowable.

Claims 1, 2, 4, 8, 10, 14, 16, 19, 20, 21, 22, 25, 27, 29, 30, 42, 43, 44, 45, 46, 58, 59 and 60 have been amended to recite "light" for the emission spectrum of the intensifier and where applicable for the filter. Accordingly, the rejection under 35 USC 112, first paragraph has been overcome. Therefore, claims 1 to 60 are now considered allowable.

An embodiment of the present invention is directed to an optical emission spectrum in which a wavelength of the intensifier is temperature dependent. One skilled in the art will recognize that the principle of identifying a temperature dependent wavelength and providing means for filtering such a wavelength is also applicable to the non-optical emission spectrum.

Claims 40 and 56 have been amended to correct a typographical error.

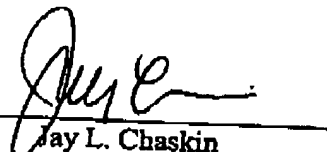
In light of the foregoing, the Applicant respectfully submits that the Examiner's rejections under 35 USC 112, first and second paragraphs have been traversed and

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respectfully requests that the Examiner reconsider these rejections. Accordingly, the Applicant requests a timely Notice of Allowance in this application.

Respectfully submitted,  
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